Index of Claims

| Application No. | Applicant(s) |
|-----------------|--------------------|
| 09/448,927 | WELLINGHOFF ET AL. |
| Examiner | Art Unit |

Rejected - (Through numeral)
Cancelled

+ Restricted

N Non-Elected
I Interference

Joseph D. Anthony

A Appeal
O Objected

1714

| | | | | | | | | | | , |
|--------------|--|--|--|-----------|--------------|----------|----------|--------------|----------|----------------------|
| Cla | Date | | | | | | | | | |
| Final | Original | 7/29/04 | | | | | | | | |
| | | V | - | | | | : | _ | | \dashv |
| | 2 | 1 | <u> </u> | | | | | | | П |
| | 3 | T | | | | | | | | \neg |
| | 4 | Ħ | | | | | | | _ | |
| | 1 2 3 4 5 6 | \top | | | | | | | | |
| | 6 | П | | | | | | | | |
| | 7 | | | | | | | | | |
| | 8 | | | | | | | | | |
| | 9 | П | | | | | | | | |
| | 10 | | | | | | | | | |
| | 11 | V | | | | | | | | |
| | 12 | Ň | | | | | | | | |
| | 10 11 12 13 14 15 16 17 18 | Π | | | | | | | | |
| | 14 | П | | | | | | | | |
| | 15 | Ш | | | | | | | | |
| | 16 | | | | | | | | | |
| | 17 | | | | | | | | | |
| | 18 | | | | | | | | | |
| | 19 | Ш | | | | | | | | |
| | 20 | | | | | | | | | |
| | 20 21 | | | | | | | | | |
| | 22 | | | | | | | | | |
| | 23 | | | | | | | | | |
| | 24 25 | \coprod | <u></u> | | | | | | | Ш |
| | 25 | Ш | | | _ | | | | | |
| | 26 | Ш | 1 | | L. | | | | ļ | Ш |
| | 27 | Щ | | | | | | <u> </u> | | |
| <u></u> | 28 | Щ | ļ | | ļ | _ | | | <u> </u> | |
| <u> </u> | 29 | ╙ | | | | | | _ | | Ш |
| <u> </u> | 30 | ╙ | | | _ | <u> </u> | | | _ | Ш |
| | 31 32 | ₩. | | | _ | | _ | <u> </u> | _ | Н |
| <u> </u> | 32 | ₩. | | | _ | | _ | <u> </u> | _ | Ш |
| <u> </u> | 33 | ╨ | - | - | _ | | <u> </u> | _ | _ | Ш |
| <u> </u> | 34 | ₩ | - | - | | <u> </u> | <u> </u> | | \vdash | Н |
| ļ | 35 | ╨ | _ | _ | _ | <u> </u> | <u> </u> | | _ | Н |
| <u> </u> | 36 37 | ₩ | <u> </u> | - | | | <u> </u> | - | | |
| ļ.— | 3/ | - | \leftarrow | - | - | <u> </u> | - | - | \vdash | Н |
| | 38 39 | K. | ├ | | - | - | | | \vdash | $\vdash\vdash\vdash$ |
| <u> </u> | | | | - | \vdash | | - | \vdash | | \vdash |
| ļ | 40 41 | ₩ | | ├ | - | - | \vdash | - | \vdash | Н |
| | 41 | ╫ | | | \vdash | ⊢ | - | - | \vdash | $\vdash \vdash$ |
| | 42 | ╫ | \vdash | \vdash | \vdash | - | - | | \vdash | Н |
| | 43 | ╁╂╴ | | - | | - | \vdash | \vdash | | $\vdash\vdash$ |
| | 45 | # | | - | \vdash | | \vdash | \vdash | \vdash | Н |
| | 46 | H | - | | - | - | - | \vdash | \vdash | Н |
| <u> </u> | 47 | ╫╴ | 1 | | | <u> </u> | | - | | Н |
| | 48 | H | \vdash | \vdash | \vdash | \vdash | | | \vdash | Н |
| <u> </u> | 49 | ┼╂- | \vdash | \vdash | | | | \vdash | | $\vdash \vdash$ |
| | 50 | J. | \vdash | \vdash | \vdash | \vdash | \vdash | | | Н |
| ı | | / | | ı | | | | | | . ? |

| | | | | | | | | | | _ |
|----------|----------|--------------|---|--------------|---------------------------|----------|------------|----------|--------------|----------|
| Cla | im | L., | | | _ [| ate | <u>}</u> | | | |
| Final | Original | | | | | | | | | |
| | 51 | V | - | | | | | | | |
| | 52 | 1 | | | | | | | | |
| | 53 | П | | | | | | | | |
| | 54 | П | | | | | | | | |
| | 55 | П | | | | | | | | |
| | 56 | | | | | | | | | |
| | 57 | | | | | | | | | |
| | 58 | Ш | | | | | | | | <u> </u> |
| | 59 | | | | | | | | | |
| | 60 | Ш | | | | | | | <u> </u> | |
| | 61 | Щ | | _ | | | | | | |
| | 62 | 1 | | | | | | | | _ |
| | 63 | H | | _ | | | | | | - |
| | 64 | \mathbb{H} | | | | | | | | <u> </u> |
| - | 65 66 | H | | | | | | | \vdash | |
| 1- | 67 | Н | | - | | | | | \vdash | ┢ |
| ļ | 68 | Н | _ | | | | | | | _ |
| | 69 | + | - | | | | | | | - |
| | 70 | Н | | | | | | | | |
| — | 71 | H | | | | | | | \vdash | |
| | 72 | ╁ | | | | | | - | _ | |
| | 73 | T | | | | | | | | |
| | 74 | 1 | | | | | | | Г | |
| | 75 | П | | ļ | | | | | | |
| | 76 | | | | | | | | | |
| | 77 | | | | | | | | | |
| _ | 78 | V | | | | | | | L. | |
| <u> </u> | 79 | <u> </u> | _ | | | | | _ | | |
| | 80 | | | | | | | | | <u> </u> |
| | 81 | _ | _ | <u> </u> | | _ | <u> </u> | | _ | - |
| | 82 | | _ | - | - | <u> </u> | <u> </u> | | - | - |
| | 83 84 | H | | _ | _ | <u> </u> | <u> </u> | | | |
| - | 85 | | | ⊢ | - | | ┝ | _ | | - |
| - | 86 | \vdash | | \vdash | | | \vdash | | | - |
| | 87 | - | | | | - | <u> </u> | | | - |
| | 88 | - | | | | | | | | \vdash |
| | 89 | | | | | | | | | \vdash |
| | 90 | | | | | | | | | |
| | 91 | | | | | | | | | |
| | 92 | | | | | | | | | |
| | 93 | L | | | | <u></u> | | L | | |
| | 94 | | | <u>L</u> | L | | | | | |
| | 95 | L_ | | <u> </u> | _ | _ | _ | L. | _ | <u> </u> |
| <u> </u> | 96 | <u> </u> | | | <u> </u> | | | _ | <u> </u> | |
| <u> </u> | 97 | | | | | | <u> </u> | _ | - | <u> </u> |
| - | 98 | - | | \vdash | \vdash | H | - | <u> </u> | ├— | \vdash |
| | 99 | | | <u> </u> | $ldsymbol{ldsymbol{eta}}$ | | <u>L</u> _ | | <u> </u> | <u> </u> |

100

| Claim Date Image: Sign of the content of the conte | | | | | | | | | | | |
|---|----------|-----|----------|----------|----------|----------|--|-------------|----------|----------|-----------------|
| Te D | | | | | | | | | | | |
| 101 | Cla | aim | Date | | | | | | | | |
| 101 | | _ | | | | | | | | | |
| 101 | nal | Ë | | | | | | | | | |
| 101 | Ξ | Žić | | | | , | | | | | |
| 102 | | | | | | | | | | | |
| 102 | | 101 | | | | | | | | | |
| 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 145 146 147 148 149 149 149 149 149 149 149 | | 102 | | | | | | | | | Ш |
| 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 149 | | 103 | | | | | | | | | Ш |
| 106 | | 104 | | | | | | | | | |
| 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 148 149 148 149 148 149 148 149 148 149 148 149 148 149 149 140 141 142 143 144 145 146 147 148 149 149 149 149 149 149 149 149 149 149 149 149 149 140 141 142 143 144 145 146 147 148 149 140 | | 105 | | | | | | | | | |
| 108 109 110 111 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 149 | | 106 | | | _ | | | <u> </u> | | | |
| 109 | | 107 | | | <u> </u> | | - | _ | | | \dashv |
| 110 111 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 149 | <u> </u> | | | | <u> </u> | | | ļ. <u>.</u> | | | \dashv |
| 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 144 145 146 147 148 149 | | 109 | | ├— | _ | | \vdash | - | _ | | Н |
| 112 113 114 115 116 117 118 119 120 121 122 123 124 125 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 149 149 | <u> </u> | 110 | | \vdash | \vdash | | \vdash | | | - | \vdash |
| 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 149 149 | | 112 | <u> </u> | \vdash | \vdash | | \vdash | | - | \vdash | \dashv |
| 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 133 134 135 136 137 138 139 140 141 142 143 144 145 146 149 149 | | 113 | | | \vdash | | | | | <u> </u> | $\vdash \vdash$ |
| 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 133 134 135 136 137 138 139 140 141 142 143 144 145 146 149 149 | | 114 | | | - | | | | H | | H |
| 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 133 134 135 136 137 138 139 140 141 142 143 144 145 146 149 149 | - | 115 | | | | | - | | | | \Box |
| 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 149 149 | | 116 | Г | Г | | | | | | | П |
| 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 133 134 135 136 137 138 139 140 141 142 143 144 145 146 149 149 | | | | | | | | | | | |
| 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 118 | | | | | | | | | |
| 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 149 | | 119 | | | | | | | | | |
| 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 120 | L | | | | | | | ļ | |
| 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | <u></u> | 121 | _ | | | | | | | | |
| 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | L | 122 | | | | _ | | ļ | L | ļ | |
| 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 123 | <u> </u> | | | <u> </u> | | | <u> </u> | _ | |
| 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 141 142 143 144 145 146 147 148 149 | - | 124 | ├ | | | | | | _ | _ | |
| 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 141 142 143 144 145 146 147 148 149 | <u> </u> | 125 | | | | _ | | | \vdash | \vdash | Н |
| 128 | ├─ | 120 | | | | | | | | | H |
| 129 130 131 132 133 134 135 136 137 138 139 140 141 142 141 142 143 144 145 146 147 148 149 | | 128 | | | | | | | | | Н |
| 130 | | 129 | | | | | \vdash | - | | - | Н |
| 132 133 134 135 136 137 138 139 140 141 142 143 144 144 145 146 147 148 149 | | 130 | \vdash | | | - | | | | \vdash | Н |
| 132 133 134 135 136 137 138 139 140 141 142 143 144 144 145 146 147 148 149 | | 131 | | | | | - | - | | <u> </u> | H |
| 133 | | 132 | Г | Т | | T | | <u> </u> | | | Н |
| 134 | | 133 | | | | | 1 | 1 | <u> </u> | | |
| 135 | | 134 | | | | | | | | | |
| 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 135 | | | | | | | | | |
| 138 | | 136 | | | | | | | Ĺ | | Ш |
| 139 140 141 142 143 144 145 146 147 148 149 | | | _ | _ | _ | | ļ | <u> </u> | <u> </u> | <u> </u> | Щ |
| 140 | <u> </u> | 138 | <u> </u> | _ | | <u> </u> | _ | <u> </u> | | | Ц |
| 141 | | | ⊢ | <u> </u> | _ | _ | _ | <u> </u> | _ | _ | Н |
| 142 | <u> </u> | | - | \vdash | \vdash | ├ | | _ | _ | - | \vdash |
| 143 | | | | - | - | - | \vdash | ┢ | | | Н |
| 144 | - | | ├ | - | - | | | ├ | | - | $\vdash \vdash$ |
| 145 | | | \vdash | | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | Н |
| 146 | <u> </u> | 145 | - | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | H |
| 147 | | | \vdash | \vdash | | \vdash | | | \vdash | | Н |
| 148 149 149 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | | | Г | | | | Н |
| 149 | | | | | | | | | | | \Box |
| | | 149 | | | | | | | | | |
| | | 150 | | | | | | | | | |